

## **COMMENTS BASED ON TECHNICAL REVIEW**

**Project:** W.M. Ext. Meadowbrook Estates, T. New Windsor

**Date of Submission:** April 14, 2006

**Date of Review:** May 30, 2006

1. We are returning the application for the following revisions:
  - a. For completeness please provide the PWS ID # for New Windsor Consolidated WD, NY3503580.
  - b. Please provide responses to Max. Day and Peak hr in item #13.
  - c. In the Engineer's Report the average daily demand of 2.59 MGD reported was taken from the year 2002, the application states the data was taken from the year 2003. Please revise for consistency and provide more current data if available.
2. Please add the following note to the plans: "During construction of the water main, provide watertight plugs in end of pipes at any time work is not in process".
3. Please label the "Sewer Manhole", "Sewer Pipe Trench", "Forcemain connection to Gravity Sanitary Sewer", "Sewer Service Connection", and "Pump Chamber" on sheet C-301: "Not For Orange County Department of Health Review".
4. Show the 100-year flood elevation on the plans, if one occurs.
5. Please address adding air relief valves or hydrants at relative high points in the water main.
6. Provide verification that any construction work performed within the watershed of a Public Water Supply source will be performed in a manner considered satisfactory to the water supplier and in compliance with any existing Watershed Rules & Regulations. If the property does not fall within a public watershed, or if there will be no construction on the watershed lands, a statement to that effect must be provided on the plans and in the engineer's report.
7. When identifying the depth of bury of the water main on the profiles the dimension should be a vertical line measuring from the water main to grade. Currently, they have been dimensioned as the shortest distance between the two. See for example STA 16+75 of Chatham Way on sheet C-206. Please review and address.